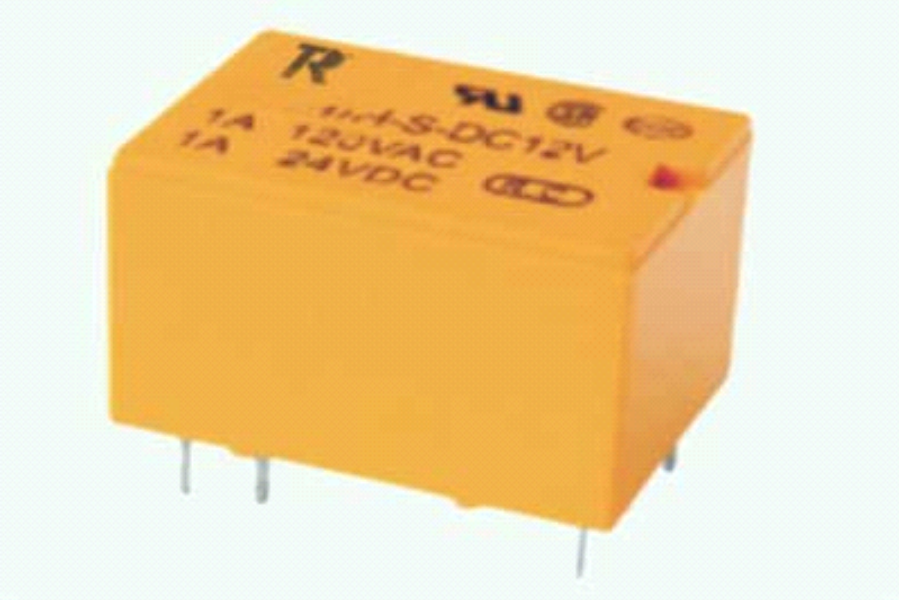
T4100



Feature

1. **Low profile size: 15.6(L)x10.6(W)x11.7(H)mm**
2. **Max Switching Capacity: 3A/120VAC**
3. **Environmental friendly product**
4. **Terminal Type: PCB**
5. **Case color: yellow and black available**

Typical applications

◆**Telecomunications**

◆**Appliances** ◆**Office Equipment**

Reference Cross: SYS1 HM4100F OUAZ 842

Specifications

◆ Contact Ratings

Number of poles		**1 Pole**	
Arrangement	1 Form C		
Initial contact resistance, max.(by voltage drop 6VDC/1A)	50m Ω		
Contact material	Silver alloy		
Rating (resistive load)	Nominal switching capacity	3A@120VAC/24 VDC	
	Max. switching power	360VA /72W	
	Max. switching voltage	120VAC	
	Max. switching current	3A	
Expected life (min.operations)	Mechanical (at 300cpm)	5×10^6	
	Electrical (resistive load)	1×10^5	

◆ Coil data

1、Sensitive coil				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	40	22.2	16.7	8.3
Coil resistance (Ω)± 10%	125	405	720	2880
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.2W	0.2W	0.2W	0.2W
2、Standard coil				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	72	40	30	15
Coil resistance (Ω)± 10%	69	225	400	1600
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.36W	0.36W	0.36W	0.36W

◆ Characteristics

Item		
Initial insulation resistance		Min.100 MΩ （at 500VDC）
Dielectric strength	Between open contacts	500VAC 1 Min.
	Between coil and contacts	1000VAC 1 Min.
Operate time (at nominal voltage)		5ms
Release time (at nominal voltage)		3ms
Temperature rise (at nominal voltage)		25K max. (at 20℃)
Shock resistance	Functional	100 m/ S^2
	Destructive	500 m/ S^2
Vibration resistance	Functional	10 to 55Hz, at double amplitude 1.5mm
	Destructive	
Ambient temperature		-40℃～+85℃
Humidity		45% to 85% RH
Termination		PCB
Unit weight		Approx. 3.5g

Ordering information

T4100 — 1 X X X

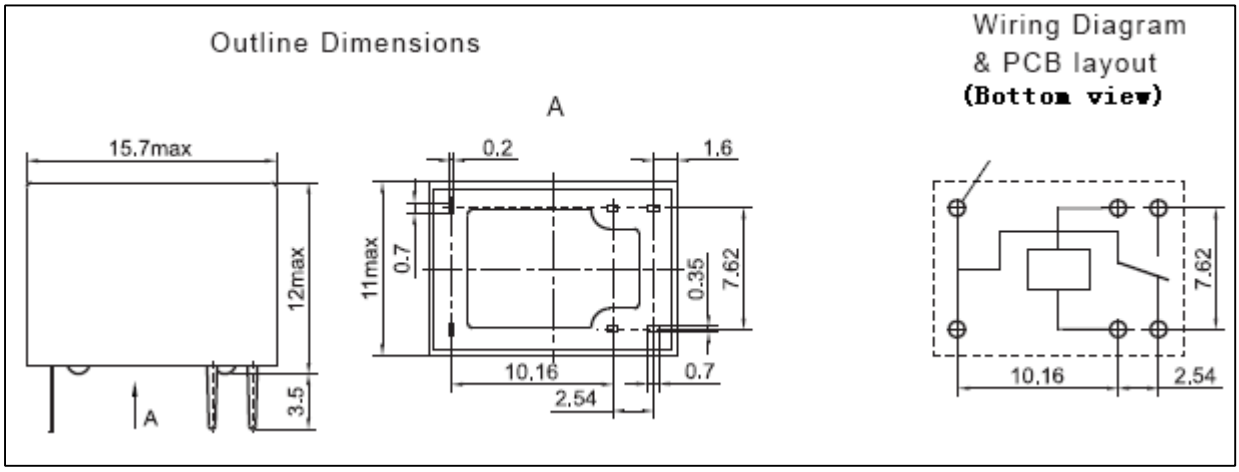
1 2 3 4

1. **Product type: T4100**
2. **Coil Voltage**
   05—5VDC 12—12VDC
3. **Contact arrangement**
   A—1 form A C—1 form C
4. **Coil power**
   Blank—Sensitive(0.2W) D—Standard(0.36W)

Note: Any special requests, please contact us.

Outline Dimensions, PCB Layout and Wiring Diagram

(Dimensions are in millimeters , to convert millimeters to inches divide by 25.4)



Reference data